

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 7,598,989

APPLICATION NO.: 10/530,085

ISSUE DATE : October 6, 2009

INVENTOR(S) : Takao Tsuruoka

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### ON THE TITLE PAGE

At Item (56), U.S. PATENT DOCUMENTS, page 1, right column, after line beginning with "5,786,857" insert --5,825,846 10/98 Aach et al.--.

At Item (56), FOREIGN PATENT DOCUMENTS, page 1, right column, after line beginning with "JP 2002-057900" insert --JP 2002-291562 10/2002--.

### IN THE SPECIFICATION

At column 4, line 56, before the words "is set" delete "such the ISO sensitivity" and insert therefor --, such as the ISO sensitivity,--.

At column 5, line 24, after the words "buffer 6," delete "similarly" and insert therefor --similar--.

At column 6, line 29, before the words "to the", delete "similarly" and insert therefor --similar--.

At column 10, line 52, after the words "high-frequency", insert --component--.

At column 12, line 34, before the words "to the", delete "Similarly" and insert therefor --Similar--.

At column 14, line 66, before the words "to the", delete "similarly" and insert therefor --similar--.

At column 16, line 38, after the word "component", delete "similarly" and insert therefor --similar--.

At column 16, line 46, before the words "to the" delete "Similarly" and insert therefor --Similar--.

At column 20, line 43, after the words "into a", delete "the".

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.  
United Plaza  
30 South 17th Street  
Philadelphia, PA 19103-4009

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 2 of 2

PATENT NO. : 7,598,989

APPLICATION NO.: 10/530,085

ISSUE DATE : October 6, 2009

INVENTOR(S) : Takao Tsuruoka

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 21, line 18, before the words "the image", delete "reduced out of " and insert therefor --reduced in--.

At column 21, line 21, after the word "departing" insert --from--.

At column 21, line 28, after the word "flexibly" delete "corresponding" and insert therefor --compared--.

At column 21, line 34, after the word "invention" delete "is applied based" and insert therefor --is based--.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Volpe and Koenig, P.C.  
United Plaza  
30 South 17th Street  
Philadelphia, PA 19103-4009

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*